



1 METHODS AND APPARATUS FOR EMBEDDING 2 THAT FUNCTIONS IN A WEB PAGE

ABSTRACT OF THE DISCLOSURE

8 A real time chat server (610) not only maintains the chat session but also synchronizes
9 the browse and chat functions by dynamically linking the browser and chat applications to
10 allow the contents of the browser window and the chat window to change in a coordinated
11 manner. The chat server is built from a number of core software objects, namely user objects
12 (616, 618), connection objects, and room objects (612, 614). In this way, multiple users'
13 browsers may be connected into one powerful distributed chat/HTTP server and all such
14 users are able to fully interact with one another in a coordinated manner via type-written
15 messages, HTML web documents, and file transfers. The usefulness of chat is enhanced by
16 embedding the chat functions into the browser window.